

In the Claims:

Please amend claims 1 and 14 as follows:

B1- 1. (Amended) A method of producing a peptide or protein expression library which displays a diverse population of peptides or proteins; wherein the peptides or proteins are specifically associated with DNA encoding them through covalent [protein:DNA] binding of the protein to the encoding DNA, said method comprising at least the following steps:

- (1) preparing an amplifiable genetic library of DNA molecules which contain a nucleotide sequence encoding an amino acid sequence which binds specifically to said encoding sequence through covalent [protein:DNA] binding of the protein to DNA (binding moiety), and a sequence encoding an amino acid sequence for display (display moiety), and having at least one site of attachment for the binding moiety, and
- (2) expressing the genetic library thus formed.

B2 14. (Amended) A method of identifying [and/or purifying] a library member exhibiting desired properties from a peptide or protein expression library as defined in claim 11, comprising at least the steps of a) screening a library as defined in claim 11, and b) selecting and isolating the [relevant] library member exhibiting desired properties.

Please add the following new claims 19 and 20:

B3 --19. A method of purifying a library member exhibiting desired properties from a peptide or protein expression library as defined in claim 11, comprising at least the steps of a) screening a library as defined in claim 11, and b) selecting and isolating the library member exhibiting desired properties.

20. The method according to claim 1 wherein said nucleic acid encoding said amino acid sequence for display is generated by amplification by PCR.--